

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A hot blown plastic film for chub packaging, consisting essentially of:

- a. at least one sealing layer, ~~comprising at least one~~ wherein each sealing layer consists essentially of a member of selected from the group consisting of low density polyethylene, linear low density polyethylene, ethylene ester copolymers copolymer, ethylene alpha olefin copolymers copolymer, polypropylene copolymers copolymer, or polypropylene homopolymers homopolymer, very low density polyethylene, polybutylene, styrene based copolymers copolymer, ionomers ionomer, ethylene methacrylic acid copolymers copolymer, and combinations thereof;
- b. at least one barrier layer, ~~comprising~~ wherein each barrier layer consists essentially of polyvinylidene chloride polymers polymer; and
- c. at least one intermediate layer, ~~comprising~~ wherein each intermediate layer consists essentially of a member selected from the group consisting of ethylene ester copolymers copolymer, ethylene ester polymers polymer, chemically modified polyethylenes polyethylene, and/or chemically modified polyethylenes polyethylene, and combinations thereof.

Claim 2 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of two outer sealing layers.

Claim 3 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of one barrier layer.

Claim 4 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of two or more intermediate layers.

Claim 5 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of 2 - 10 intermediate layers.

Claim 6 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of 4 - 8 intermediate layers.

Claim 7 (currently amended) A plastic film according to claim 1, characterized in that said film ~~comprises~~ consists essentially of 6 intermediate layers.

Claim 8 (currently amended) A plastic film according to claim 1, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of one or more ethylene ester polymers.

Claim 9 (currently amended) A plastic film according to claim 8, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of one or more members ~~of~~ selected from the group consisting of ethylene vinyl acetate ~~copolymers~~ copolymer, ethylene methyl acrylate ~~copolymers~~ copolymer, ethylene ethyl acrylate ~~copolymers~~ copolymer, ethylene methyl methacrylate ~~copolymers~~ copolymer, ethylene butyl acrylate ~~copolymers~~ copolymer and terpolymers of said polymers.

Claim 10 (currently amended) A plastic film according to claim 8, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of an ethylene vinyl acetate copolymer.

Claim 11 (currently amended) A plastic film according to claim 8, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of an ethylene methyl acrylate copolymer.

Claim 12 (currently amended) A plastic film according to claim 1, characterized in that said sealing layer ~~comprises~~ consists essentially of an ethylene alpha-olefin ~~plastomer~~ copolymer that is a plastomer.

Claim 13 (currently amended) A plastic film according to claim 1, characterized in that said sealing layer ~~comprises~~ consists essentially of an ethylene ester copolymer that is an ethylene-vinyl acetate copolymer.

Claim 14 (currently amended) A plastic film according to claim 1, characterized in that said sealing layer ~~comprises~~ consists essentially of an ethylene alpha-olefin ~~plastomer~~ copolymer that is a plastomer and an ethylene ester copolymer that is an ethylene-vinyl acetate copolymer.

Claim 15 (currently amended) A plastic film according to claim 1, characterized in that said barrier layer ~~comprises~~ consists essentially of one or more polyvinylidene chloride polymers selected from the group consisting of methyl acrylate-polyvinylidene chloride copolymer and vinylidene chloride copolymers.

Claim 16 (currently amended) A plastic film according to claim 1, characterized in that said barrier layer ~~comprises~~ consists essentially of a methylacrylate-polyvinylidene chloride copolymer.

Claim 17 (currently amended) A plastic film according to claim 1, characterized in that said one or more intermediate layers ~~comprise~~ consist essentially of one or more pigments.

Claim 18 (currently amended) A plastic film comprising:

a. at least one sealing layer, comprising at least one member ~~of~~ selected from the group consisting of low density polyethylene, linear low density polyethylene, ethylene ester ~~copolymers copolymer~~, ethylene alpha olefin ~~copolymers copolymer~~, polypropylene ~~copolymers copolymer~~, ~~or~~ polypropylene homopolymers homopolymer, very low density polyethylene, polybutylene, styrene based ~~copolymers copolymer~~, ~~ionomers ionomer~~, ethylene methacrylic acid ~~copolymers copolymer~~, and combinations thereof;

b. at least one barrier layer, comprising polyvinylidene chloride ~~polymers polymer~~;

c. at least one intermediate layer, comprising a member selected from the group consisting of ethylene ester ~~copolymers copolymer~~, ethylene ester ~~polymers polymer~~, chemically modified ~~polyethylenes polyethylene~~, and/or chemically modified polypropylenes polypropylene, and combinations thereof.

characterized in that said one or more intermediate layers comprises a material comprising 70% by weight white TiO₂ pigment.

Claim 19 (original) A plastic film according to claim 1, characterized in that said sealing layer(s) ~~comprise(s)~~ include(s) additives in suitable amounts, ~~such as to improve the machinability or other properties of the film.~~

Claim 20 (original) A plastic film according to claim 19, characterized in that said sealing layer(s) ~~comprise(s)~~ include(s) as said additives slip agents ~~and/~~ or polymer processing agents or a combination thereof.

Claim 21 (original) A plastic film according to claim 19, characterized in that said sealing layer(s) ~~comprise(s)~~ include(s) said additives in an amount of 1 - 10 wt.-%.

Claim 22 (previously amended) A plastic film according to claim 19, characterized in that said additives ~~comprise~~ are 5% by weight of erucamide and 10 % by weight of natural silica.

Claim 23 (currently amended) A plastic film, having the following structure:
a. an outer heat sealing layer comprising:

74% by weight of an alpha-olefin plastomer copolymer, ~~wherein the plastomer is Affinity PL-1880 from Dow~~ having a melting point of 99° C, a density of 0.902 g/ml and a melt index of 1.0 g/10 min;

24% by weight of an ethylene-vinyl acetate copolymer ~~EVATANE 1003-VN4 material~~, having ~~MFI~~ a melt flow index of 0.35 g/10 min and 14% ~~VA~~ vinyl acetate;

2% by weight of slip additives and polymer processing aids;

b. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3165(DUPONT)~~, having 18% by weight ~~VA~~ vinyl acetate and a melt flow index (~~MFI~~) of 0.7 g/10 min;

c. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3190(DUPONT)~~, having 25% by weight ~~VA~~ vinyl acetate and ~~MFI~~ a melt flow index of 2 g/10 min;

d. an adjacent intermediate layer, comprising 70% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 29-MA03~~, having 29% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 3 g/10 min and 30% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 24MA005~~, having 24% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 0.6 g/10 min;

e. an adjacent barrier layer, consisting of ~~MA-PVDC~~ methyl acrylate-polyvinylidene chloride copolymer, ~~namely XU 32019.1 OL material~~,

f. an adjacent intermediate layer, comprising 70% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 29-MA03~~, having 29% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 3 g/10 min and 30% by weight of ~~EMA~~ ethylene methyl acrylate copolymer ~~LOTRYL 24MA005~~, having 24% by weight ~~MA~~ methyl acrylate and ~~MFI~~ a melt flow index of 0.6 g/10 min;

g. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3190(DUPONT)~~, having 25% by weight ~~VA~~ vinyl acetate and ~~MA~~ a melt flow index of 2 g/10 min;

h. an adjacent intermediate layer, consisting of ~~EVA~~ ethylene vinyl acetate copolymer ~~ELVAX 3165(DUPONT)~~, having 18% by weight ~~VA~~ vinyl acetate and a melt flow index of 0.7 g/10 min ~~MFI~~; and

i. an outer heat sealing layer, comprising:

74% by weight of an alpha-olefin plastomer copolymer, ~~which plastomer is Affinity PL-1880 from Dow~~ having a melting point of 99° C, a density of 0.902 g/ml and a melt index of 1.0 g/10 min;

24% by weight of an ethylene-vinyl acetate copolymer ~~EVATANE 1003 VN4 material~~, having ~~MFI~~ a melt flow index of 0.35 g/10 min and 14% by weight ~~VA vinyl acetate~~;

2% by weight of slip additives and polymer processing aids.

Claim 24 (original) A plastic film according to claim 1, characterized in that said film is irradiated.

Claim 25 (original) A plastic film according to claim 1, characterized in that said film is a coextruded film.

Claim 26 (canceled)

Claim 27 (original) Process of chub packaging, comprising packaging a product with a film according to claim 1.

Claim 28 (original) A chub package made from the film of claim 1.